

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. VIRAGE.007A	APPLICATION NO. 08/870,836
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Hampapur, et al.	
		FILING DATE June 6, 1997	GROUP 2315

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
AR	5,488,482	01/30/96	Ueda et al.	358	339	
AR	5,485,611	01/16/96	Astle	395	600	
AR	5,471,239	11/28/95	Hill et al.	348	155	
AR	5,459,517	10/17/95	Kunitake et al.	348	416	
AR	5,404,174	04/04/95	Sugahara	348	700	
AR	5,283,645	02/01/94	Alattar	348	384	
AR	5,259,040	11/02/93	Hanna	382	41	
AR	5,245,436	09/14/93	Alattar	358	182	
AR	5,099,322	03/24/92	Gove	358	105	
AR	4,390,904	06/28/83	Johnston et al.	358	335	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
						YES	NO	
AR	A	JP 08 079 695 A	22.03.96	Japan (Abstract in English attached)	H04N	005/262		X
AR	B	WO 96 05696	22.02.96	PCT with Abstract in English	H04N	5/781		X
AR	C	EP 0 690 413 A2	22.06.95	European Patent Office	G06T	7/20		
AR	D	EP 0 675 496 A2	23.03.95	European Patent Office	G11B	27/028		
AR	E	EP 0 660 327 A2	01.12.94	European Patent Office	G11B	27/28		
AR	F	EP 0 660 249 A1	07.12.94	European Patent Office	G06F	17/30		

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
AR	1	Hampapur, Arun, dissertation, University of Michigan, 185 pages, 1995, "Designing Video Data Management Systems."
AR	2	Jain, Ramesh, et al., Machine Vision, McGraw-Hill Series in Computer Science, Chapter 4, pp. 112-127, "Image Filtering."
AR	3	Jain, Ramesh, et al., Machine Vision, McGraw-Hill Series in Computer Science, Chapter 5, pp. 140-149, "Edge Detection."

EXAMINER	/Andy.S.Rao/	DATE CONSIDERED	3/27/11
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			

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						YES	NO	
AR	G	JP 07 079 431 A	20.03.95	Japan (Abstract in English attached)	H04N	7/24		X
AR	H	EP 0 636 994 A1	01.02.95	European Patent Office	G06F	17/30		
AR	I	JP 3 085 076 A	10.04.91	Japan (Title and Synopsis in English, no Abstract Available)	H04N	5/91		X

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)		
AR	4	Nagasaki, Akio and Yuzura Tanaka, Visual Database Systems, II, pp. 113 - 127, Copyright 1992, "Automatic Video Indexing and Full-Video Search for Object Appearances."	

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